

*Sub*  
*at*

What is claimed is:

1. A picture displaying apparatus,  
comprising:

a plurality of scanning lines to which  
scanning signals are inputted, respectively;

5 a plurality of data lines to which data  
signals are inputted, respectively;

a light emission element disposed at each  
of a plurality of intersections composed of said  
plurality of scanning lines and said plurality  
10 of data lines;

a picture displaying unit having said  
plurality of light emission elements; and

a memory unit storing a single display  
data indicative of an display content of said  
15 picture displaying unit, and

wherein said memory unit has a plurality  
of memory cells, and

20 wherein each of said plurality of memory  
cells stores a unit display data of a part of  
said single display data, and

wherein a plurality of said unit display  
data stored in said plurality of memory cells  
are read from said memory unit in a different  
order for each single predetermined frame or  
25 each plural predetermined frames, and

wherein said plurality of unit display

data are written to said picture displaying unit in an order when said plurality of unit display data are read from said memory unit, such that  
30 said display content in said picture displaying unit is different for said each predetermined frame or frames.

2. The picture displaying apparatus according to claim 1, wherein when said plurality of unit display data are read from said memory unit, at least one specific memory cell among said  
5 plurality of memory cells is used as a read start position and said plurality of unit display data are read in accordance with an arrangement order of said plurality of memory cells from said specific memory cell, and  
10 wherein said specific memory cell is changed for said each predetermined frame or frames.

3. The picture displaying apparatus according to claim 1, wherein a part of said plurality of unit display data is changed before said part of said plurality of unit display data is read from  
5 said memory unit, and  
wherein said plurality of unit display data including said changed part of said

plurality of unit display data are read from  
said memory unit in said different order for  
10 said each predetermined frame or frames, and  
wherein said plurality of unit display  
data including said changed part of said  
plurality of unit display data are written to  
said picture displaying unit, in accordance with  
15 said order when said plurality of unit display  
data are read from said memory unit.

4. The picture displaying apparatus according  
to claim 2, wherein a part of said plurality of  
unit display data is changed before said part of  
said plurality of unit display data is read from  
5 said memory unit, and

wherein said plurality of unit display  
data including said changed part of said  
plurality of unit display data are read from  
said memory unit in said different order for  
10 said each predetermined frame or frames, and  
wherein said plurality of unit display  
data including said changed part of said  
plurality of unit display data are written to  
said picture displaying unit, in accordance with  
15 said order when said plurality of unit display  
data are read from said memory unit.

5. A picture displaying apparatus,  
comprising:

a plurality of scanning lines to which  
scanning signals are inputted, respectively;

5 a plurality of data lines to which data  
signals are inputted, respectively;

a light emission element disposed at each  
of a plurality of intersections composed of said  
plurality of scanning lines and said plurality  
10 of data lines;

a picture displaying unit having said  
plurality of light emission elements; and

a memory unit storing a single display  
data indicative of an display content of said  
15 picture displaying unit, and

wherein said memory unit has a plurality  
of memory cells, and

wherein said picture displaying unit has a  
plurality of pixels corresponding to said  
20 plurality of light emission elements, and

wherein each of said plurality of memory  
cells stores a unit display data of a part of  
said single display data, and

25 wherein said unit display data is written  
to each of said plurality of pixels, and

wherein a plurality of said unit display  
data read from said plurality of memory cells

are written to said picture displaying unit in a different order for each predetermined frame or 30 each plural predetermined frames, such that said display content in said picture displaying unit is different for said each predetermined frame or frames.

6. The picture displaying apparatus according to claim 5, wherein when said plurality of unit display data are written to said picture displaying unit, at least one specific pixel 5 among said plurality of pixels is used as a write start position and said plurality of unit display data are written in accordance with an arrangement order of said plurality of pixels from said specific pixel, and  
10 wherein said specific pixel is changed for said each predetermined frame or frames.

7. The picture displaying apparatus according to claim 5, wherein a part of said plurality of unit display data is changed before said part of said plurality of unit display data is read from 5 said memory unit, and  
wherein said plurality of unit display data including said changed part of said plurality of unit display data are written to

10 said picture displaying unit in said different order for said each predetermined frame or frames.

8. The picture displaying apparatus according to claim 6, wherein a part of said plurality of unit display data is changed before said part of said plurality of unit display data is read from 5 said memory unit, and

wherein said plurality of unit display data including said changed part of said plurality of unit display data are written to said picture displaying unit in said different 10 order for said each predetermined frame or frames.

9. The picture displaying apparatus according to claim 1, wherein said picture displaying unit is designed such that lights of said picture displaying unit can be emitted in three colors 5 of R, G and B, and

wherein a supply of currents to said plurality of data lines corresponding to at least one of said three colors of R, G and B is stopped, such that said lights are emitted from 10 said picture displaying unit in one or two colors among said three colors of R, G and B.

10. The picture displaying apparatus according to claim 5, wherein said picture displaying unit is designed such that lights of said picture displaying unit can be emitted in three colors of R, G and B, and

wherein a supply of currents to said plurality of data lines corresponding to at least one of said three colors of R, G and B is stopped, such that said lights are emitted from 10 said picture displaying unit in one or two colors among said three colors of R, G and B.

11. The picture displaying apparatus according to claim 9, wherein said at least one of said three colors of R, G and B is changed for said each predetermined frame or frames.

12. The picture displaying apparatus according to claim 10, wherein said at least one of said three colors of R, G and B is changed for said each predetermined frame or frames.

13. The picture displaying apparatus according to claim 1, wherein said single display data is one of static picture data and dynamic picture data.

14. The picture displaying apparatus according to claim 5, wherein said single display data is one of static picture data and dynamic picture data.

15. The picture displaying apparatus according to claim 1, wherein said light emission element is one of an EL element, a light emitting diode and an FED.

16. The picture displaying apparatus according to claim 5, wherein said light emission element is one of an EL element, a light emitting diode and an FED.

17. A method of driving a picture displaying apparatus, comprising:

(a) providing a picture displaying apparatus which includes a picture displaying unit having a plurality of light emission elements, said plurality of light emission elements being disposed at a plurality of intersections composed of a plurality of scanning lines to which scanning signals are inputted, respectively and a plurality of data lines to which data signals are inputted, respectively;

15 (b) providing a memory unit storing a single display data indicative of an display content of said picture displaying unit, wherein said memory unit has a plurality of memory cells, and each of said plurality of memory cells stores a unit display data of a part of said single display data;

20 (c) reading a plurality of said unit display data stored in said plurality of memory cells from said memory unit in a different order for each single predetermined frame or each plural predetermined frames; and

25 (d) writing said plurality of unit display data to said picture displaying unit in a order when said plurality of unit display data are read from said memory unit, such that said display content in said picture displaying unit 30 is different for said each predetermined frame or frames.

18. The method of driving a picture displaying apparatus according to claim 17, further comprising:

5 (e) changing a part of said plurality of unit display data before said (c) is performed, and

wherein at said (c), said plurality of

unit display data including said changed part of  
said plurality of unit display data are read  
10 from said memory unit in said different order  
for said each predetermined frame or frames, and  
wherein at said step (d), said plurality  
of unit display data including said changed part  
of said plurality of unit display data are  
15 written to said picture displaying unit.

19. A method of driving a picture displaying  
apparatus, comprising:

(f) providing a picture displaying  
apparatus which includes a picture displaying  
5 unit having a plurality of light emission  
elements, said plurality of light emission  
elements being disposed at a plurality of  
intersections composed of a plurality of  
scanning lines to which scanning signals are  
10 inputted, respectively and a plurality of data  
lines to which data signals are inputted,  
respectively, wherein said picture displaying  
unit includes a plurality of pixels  
15 corresponding to said plurality of light  
emission elements;

(g) providing a memory unit storing a  
single display data indicative of an display  
content of said picture displaying unit, wherein

20 said memory unit has a plurality of memory cells,  
and each of said plurality of memory cells  
stores a unit display data of a part of said  
single display data;

25 (h) reading a plurality of said unit  
display data from said plurality of memory  
cells; and

(i) writing said read unit display data to  
each of said plurality of pixels, and

30 wherein at said (i) said plurality of  
read unit display data are written to said  
picture displaying unit in a different order for  
each single predetermined frame or each plural  
predetermined frames, such that said display  
content in said picture displaying unit is  
different for said each predetermined frame or  
35 frames.

20. The method of driving a picture displaying  
apparatus according to claim 19, further  
comprising:

5 (j) changing a part of said plurality of  
unit display data before said (h) is performed,  
and

wherein at said step (h), said plurality  
of unit display data including said changed part  
of said plurality of unit display data are read

10 from said plurality of memory cells, and  
wherein at said step (i), said plurality  
of unit display data including said changed part  
of said plurality of unit display data are  
written to said picture displaying unit in said  
15 different order for said each predetermined  
frame or frames.